



# Institute for Health Metrics and Evaluation

## Data Release Information Sheet

### ***Data Summary***

Dataset name: Global Birth Registration Database 1948-2015

Date of release: December 27, 2018

Summary:

As part of an analysis of the availability and quality of birth registration data worldwide, researchers from IHME and the Melbourne School of Population and Global Health compiled publicly available birth registration records into a novel birth registration database. They acquired 4,918 country-years of data from 145 countries covering the period 1948-2015. Data were collected from the United Nations Statistical Division (UNSD) database, Eurostat, and directly from national statistical offices and ministry of health databases. For each country-year, this database contains the number of registered live births by age of the mother, sex of the newborn, birth order, and birthweight. Results of the analysis were published in December 2018 in *Population Health Metrics* in "How useful are registered birth statistics for health and social policy? A global systematic assessment of the availability and quality of birth registration data."

Relevant publications and visualizations:

- Phillips DE, Adair T, Lopez AD. How useful are registered birth statistics for health and social policy? A global systematic assessment of the availability and quality of birth registration data. *Population Health Metrics*. December 2018.

### **Acknowledgements**

Contributing organizations:

- Institute for Health Metrics and Evaluation (IHME)
- Melbourne School of Population and Global Health, University of Melbourne

Funders:

- Bloomberg Philanthropies

### Suggested Citation:

Institute for Health Metrics and Evaluation (IHME), Melbourne School of Population and Global Health, University of Melbourne. Global Birth Registration Database 1948-2015. Seattle, United States: Institute for Health Metrics and Evaluation (IHME), 2018.

### ***File Inventory***

<b>File Name</b>	<b>Description</b>	<b>Date Produced</b>
IHME_BIRTH_REG_DB_1948_2015_Y2018M12D21.CSV	Global Birth Registration Database 1948-2015 [CSV]	December 27, 2018
IHME_BIRTH_REG_DB_1948_2015_CODEBOOK_Y2018M12D21.CSV	Codebook	December 27, 2018
IHME_BIRTH_REG_DB_1948_2015_INFO_SHEET_Y2018M12D21.CSV	Data Release Information Sheet	December 27, 2018

### ***Data Files Information***

<b>Variable</b>	<b>Variable Label</b>	<b>Variable Definition</b>
location_ID	Location ID	Unique numeric identifier for the location generated and stored in an IHME database of data dimensions.
location_name	Location Name	Location of the estimate.
iso3	ISO 3 Country Code	ISO 3166-3 country code. A three-letter abbreviation of each country.
year	Year	Time period of the data collected.
age_group_ID	Age Group ID	Unique numeric identifier for the age group generated and stored in an IHME database of data dimensions. Corresponds here to <b>maternal_age</b> .
maternal_age	Maternal Age Group	The age group to which the births are registered. Values include: <ul style="list-style-type: none"><li>• 10 to 14</li><li>• 15 to 19</li><li>• 20 to 24</li><li>• 25 to 29</li><li>• 30 to 34</li><li>• 35 to 39</li><li>• 40 to 44</li></ul>

Variable	Variable Label	Variable Definition
		<ul style="list-style-type: none"> <li>• 45 to 49</li> <li>• 50 plus</li> <li>• Unknown</li> <li>• Specified separately [Separate rows of this dataset contain age-specific birth counts for this country-year]</li> </ul>
sex_ID	Sex ID	Unique numeric identifier for the sex generated and stored in an IHME database of data dimensions. Corresponds here to <b>birth_sex</b> .
birth_sex	Sex	Gender of the births registered. Values include: <ul style="list-style-type: none"> <li>• Male</li> <li>• Female</li> <li>• Unknown</li> <li>• Specified separately [Separate rows of this dataset contain age-specific birth counts for this country-year]</li> </ul>
birth_order	Birth Order	Birth orders of the births registered. Values include: <ul style="list-style-type: none"> <li>• 1 [First-born births registered]</li> <li>• 2 [Second-born births registered]</li> <li>• 3 [Third-born births registered]</li> <li>• 4 [Fourth-or-greater-born births registered]</li> <li>• 99 [Births registered with unknown birth order]</li> </ul>
birth_weight	Birth Weight	Birth weight of the births registered. Values include: <ul style="list-style-type: none"> <li>• 2500 [Births registered with birth weight less than 2,500 grams]</li> <li>• 3000 [Births registered with birth weight in the range 2,500 to 3,499 grams]</li> <li>• 3500 [Births registered with birth weight greater than 3,500 grams]</li> <li>• 99 [Births registered with unknown birth weight]</li> </ul>
births	Number of Registered Live Births	Number of registered births in this country-year-age-sex-birth order-birth weight group

## ***Additional Information***

### **Terms and Conditions**

<http://www.healthdata.org/about/terms-and-conditions>

### **Contact information**

To request further information about this dataset, please contact IHME:

Institute for Health Metrics and Evaluation

2301 Fifth Ave., Suite 600

Seattle, WA 98121

USA

Telephone: +1-206-897-2800

Fax: +1-206-897-2899

Email: [data@healthdata.org](mailto:data@healthdata.org)

[www.healthdata.org](http://www.healthdata.org)

These files may be updated periodically, so we appreciate hearing feedback or additional information about how these data are being used.